# Focus Occupation: **Loading Machine Operators, Underground Mining (53-7033)**

| Focus occupation: Loading Machine Operators, Underground Mining | |
|---|---|
| **Employment and Growth** | n/a |
| **Ave. Monthly Wage** | n/a |
| **Education/Experience** | Less than high school |

## Advance FROM Focus Occupation

| Occupation | Rung | Employment/ Growth | Education/Experience | Similarity |
|---|---|---|---|---|
| Supervisors of Construction and Extraction Workers 🌿 (47-1011) | 2 | 1,071/ 10.4% | HS/5 plus yrs | 75 |
| Continuous Mining Machine Operators (47-5041) | 1 | 88/ 22.2% | HS | 100 |
| Explosives Workers, Ordnance Handling Experts, and Blasters (47-5031) | 1 | 47/ 17.5% | HS | 70 |
| Mobile Heavy Equipment Mechanics, Except Engines (49-3042) | 1 | 865/ 11.8% | HS | 70 |
| Roof Bolters, Mining (47-5061) | 1 | 33/ 22.2% | HS | 100 |

## Transfer TO and FROM Focus Occupation

| Occupation | Rung | Employment/ Growth | Education/Experience | Similarity |
|---|---|---|---|---|
| Extraction Workers, All Other (47-5099) | 0 | 243/ 17.4% | HS | 98 |
| Mine Cutting and Channeling Machine Operators (47-5042) | 0 | 50/ 19.0% | HS | 82 |
| Mine Shuttle Car Operators (53-7111) | 0 | n/a | Any | 100 |
| Mining Machine Operators, All Other (47-5049) | 0 | 279/ 14.8% | HS | 98 |

## Advance TO Focus Occupation

| Occupation | Rung | Employment/ Growth | Education/Experience | Similarity |
|---|---|---|---|---|
| Excavating and Loading Machine and Dragline Operators (53-7032) | -1 | 228/ 10.7% | Any/1-5 yrs | 100 |
| Helpers--Extraction Workers (47-5081) | -2 | 325/ 8.7% | HS | 70 |
| Rock Splitters, Quarry (47-5051) | -3 | n/a | HS | 70 |

**Important note:** A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.